

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Atty. Docket No.	9287ZYA	Serial No.	. 10/716,924	
Applicant	Colin Louis MASTERS et al.			
Filing Date	November 19, 2003.	Group:	Unassigned	

		U.S. PATENT	OCUMENTS	•		
Examiner Initial*	Document Number	Issue Date .	Name	Class	Sub Class	Filing Date
					·	

		FOREIGN PAT	ENT DOCUMENT	S		
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
ov 1	EP 0 613 560	10/21/98	Europe			

<u> </u>		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
BC.	2.	Constantinidis, J., Hypothesis Regarding Amyloid and Zinc in the Pathogenesis of Alzheimer Disease: Potential for Preventive Intervention, <i>Alzheimer Disease and Associated Disorders</i> , Vol. 5, No. 1, pp. 31-35 (1991).
pl.	3.	McLachlan, D.R.C. et al., Intramuscular Desferrioxamine in Patients with Alzheimer's Disease, <i>The Lancet</i> , Vol. 337, pp. 1304-1308 (1991).
\$C	4.	Kruck, T.P.A. et al., Suppression of Deferoxamine Mesylate Treatment - Induced Side Effects by Coadministration of Isoniazid in a Patient with Alzheimer's Disease Subject to Aluminum Removal by Ionspecific Chelation, Clinical Pharmacol. Ther., pp. 439-446 (1990).
W	5.	Cardelli, M.B. et al., Chelation Therapy - Unproved Modality in the Treatment of Alzheimer -Type Dementia, <i>Journal of the American Geriatrics Society</i> , Vol. 33, No. 8, pp. 548-551 (1985).
M	6.	Domingo, José L. et al., The Use of Chelating Agents in the Treatment of Aluminum Overload, Clinical Toxicology, Vol. 27, No. 6, pp. 355-367 (1989).

Examiner	allyon	Date Considered 6/7/05
*Examiner:	Initial if reference cons through citation if not ir communication to appl	dered, whether or not citation is in conformance with MPEP 609; draw line conformance and not considered. Include copy of this form with next cant.
Form PTO 14	49	Patent and Trademark Office - U.S. Department of Commerce



INFORMATION DISCLOSURE CITATION (Use s veral sheets if necessary)

Atty. Docket No.	9287ZYA	Serial No.	10/716,924
Applicant	Colin Louis MASTERS et al.		
Filing Date	November 19, 2003	Group:	Unassigned
		TENT DOCUMENT	

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date
	:					

		FOREIGN PATE	NT DOCUMENTS	 S		
	Document Number	Publication Date	Country	Class	Sub Class	Translati n Yes r No
·						
•						

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
K 7.	Yokel, R.A. et al., Evaluation of Potential Aluminum Chelators in Vitro by Aluminum Solubilization Ability, Aluminum Mobilization from Transferrin and the Octanol/Aqueous Distribution of the Chelators and Their Complexes with Aluminum, The Journal of Pharmacology and Experiementa Therapeutics, Vol. 257, No. 1, pp. 100-106 (1991).
N 8.	Olivieri, N.F. et al., Comparison of Oral Iron Chelator L1 and Desferrioxamine in Iron-Loaded Patients, <i>The Lancet</i> , Vol. 336, pp. 1275-1279 (1990).
H 9.	Graf, E. et al., Effects of phytate on mineral bioavailability in mice, J. Nutr, Vol. 114, No. 7, pp. 1192-1198 (1984) (abstract).
pt 10.	Sandstrom, B., et al., Effect of Inositol Hexaphosphate on Retention of Zinc and Calcium from the Human Colon, Eur J Clin Nutr, Vol. 44, No. 10, pp. 705-708 (1990) (abstract).
W 11.	Walsh, C.T. et al., Zinc: Health Effects and Research Priorities for the 1990s, Environmental Health Perspectives, Vol. 102 (Suppl. 2), pp. 5-46 (1994).

Examiner	Cleufam	Date Considered 6/7/05
*Examiner:	Initial if reference consideration if not in communication to application to applications are supplied to the supplication to applications are supplied to the supplied	ered, whether or not citation is in conformance with MPEP 609; draw line conformance and not considered. Include copy of this form with next ant.
Form PTO 144		Patent and Trademark Office - U.S. Department of Commerce
•		·

INFORMATION DISCLOSURE CITATION (Use several sheets if n cessary)

Atty. Docket N	T & THE Z 87ZYA	Serial No. 10/716,924
Applicant	Colin Louis MASTERS et al.	*
Filing Date	November 19, 2003	Group: Unassigned

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriat
1						

)		FOREIGN PATE	IT DOCUMENT	S · · · · `	•	
·	Document Number	Publication Date	Country	Class	Sub Class	Translati n Yes r No
			·			

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
pc 12.	Doll, Sir R., Review: Alzheimer's Disease and Environmental Aluminium, <i>Age and Ageing</i> , Vol. 22, pp. 138-153 (1993).						
- N/13.	Underwood, E.J., Trace Elements in Human and Animal Nutrition, 4 th Ed., Academic Press, NY 1977, pp. 196-242.						
·	·						
•							
1-1							

Examiner	allyford		Date Considered	6/7/05	
*Examiner:	Initial if reference consi through citation if not in communication to appli	conformance	er or not citation is in conform and not considered. Include	nance with MPEP 609; draw line e copy of this form with next	
Form PTO 14	49	Patent	t and Trademark Office	- U.S. Department of	Commerce



Atty. Docket No.	9287ZYÄ		Serial No. 10	/716,924		
Applicant	Colin Louis MASTE	•				<u> </u>
Filing Date	iling Date November 19, 2003			assigned		
<u>,</u>	· ·	U.S. PATEN	T D OCUMENTS			
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Dat
/ 14.	4,281,061	07/28/81	Zuk et al.	1 /	1	
. 15 م	4,419,365	12/06/83	McLachlan	1 /	1	<u> </u>
16.	4,847,082	07/11/89	Sabin	1/	/	
/ 17.	5,234,814	08/10/93	Card et al.	1/	/	·
18.	5,705,401	01/06/98	Masters et al.	1/	/	
		FOREIGN PATE	ENT DOCUMENTS			
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
/ 19.	AU-B-58173/90	01/07/91	Australia	/	7	
20.	AU-B-33365/89	11/02/89	Australia	/		
10 21	WO91/16628	10/31/91	PCT	/	/	
1 22.	WO92/00521	01/09/92	PCT	/	/	
/ 23.	WO92/13069	08/06/92	PCT		/	
	OTHER DOCUMEN	TS (Including Au	thor Title Date P	Pertinent D	200 54-1	
pe 24.		myloid Precursor Pated Proteins in Ne	rotein of Alzheimer	Disease C	200150 00 4	40.4.405.40
N IS.	Bush, A.I. et al. "Th The Journal of Biole	e Amyloid Precurs	or of Alzheimer's D 165 (26): 15977-19	isease is R 583 (1990).	Released by	y Human Platelets"
26.	Bush, A.I. et al., Ch Disease: Basic Me (1991).	apter 70 in K. Iqba chanisms, Diagnos	l et al. (eds.) "Circusis and Therapeution	lating Form Strategies	ns of Amylo	oid" Alzheimer's ey & Sons, Chicester
examiner /	Perform		Date Considered	6/7	1/0	
Examiner: In th	itial if reference consider rough citation if not in communication to applica-	omormance and n	ot citation is in conf	ormance w ude copy o	ith MPEP (of this form	609; draw line with next
orm PTO 1449			Trademark Office	ce-US	Denartm	ent of Commerce



Atty. Docket N	· 9287ZYA 0.	Serial No.	10/716,924	·
Applicant	Colin Louis MASTERS et al.			
Filing Date	November 19, 2003	Group:	Unassigned	

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Dat

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes r No
/27.	JP04252954A	09/08/92	Japan (abstract)	7		
AC 28.	JP04252955A	09/08/92	Japan (abstract)	/	/	
/ 29.	JP04252956A	09/08/92	Japan (abstract)	/	/-	
3.0	JP04126095A	04/27/92	Japan (abstract)	/	/	

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	/3/.	Bush., A.I. et al. "An Abnormality of Plasma Amyloid Protein Precursor in Alzheimer's Disease", Annals of Neurology 32 (1): 57-65 (1992).
	32.	Cole, G.M. et al., "Stimulated Platelets Release Amyloid Beta-Protein Precursor", Biochemical and Biophysical Research Communication 17O (1): 288-295 (1990).
oc	33.	Davies, L. et al., "A4 Amyloid Protein Deposition and the Diagnosis of Alzheimer's Disease: Prevalence in Aged Brains Determined by Immunocytochemistry Compared With Conventional Neuropathologic Techniques", Neurology 38 (11): 1688-1693 (1988).
1	34.	Davies, I.J.T. et al., "Measurements of Plasma Zinc", J. Clin. Path. 21: 359-365 (1968).
	3 <i>5</i> .	Esch, F.S. et al., "Cleavage of Amyloid Peptide & During Constitutive Processing of Its Precursor", Science 248: 1122-1124 (1990).
T	36,	Folstein, M.F. et al. "'Mini-mental State' A Practical Method for Grading the Cognitive State of Patients for the Clinician", <i>J. Psychiat. Res.</i> 12: 189-198 (1975).

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Form PTO 1449 Patent and Trademark Office - U.S. Department of Commerce.	Examiner	alleyson	Date Considered	6/1/05		
Form PTO 1449 Patent and Trademark Office - U.S. Department of Commerce	*Examiner:	unough challon ii hot i	conformance and not considered. Include	conformance with MPEP 609; draw line Include copy of this form with next		
	Form PTO 14	49	Patent and Trademark Office	e - U.S. Department of Commerce		



Attu Docket No	RADEWA 287ZYA	. · · · · · · · ·	I			
Atty. Docket No.		· · · · · · · · · · · · · · · · · · ·	Serial No. 10/	716,924	<u>:</u>	
Applicant	Colin Louis MASTER	lS et al.				
Filing Date	November 19, 200	3	Group: Unas	signed		
	. '			·		
· · · · · · · · · · · · · · · · · · ·	1.,1	1	DOCUMENTS	- <u></u>		
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
			·			
		FOREIGN PATE	NT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·	<u></u>	
	Document Number	Publication Date	Country	Class	Sub Class	Translati n Y s or No
· 	071150 5001104			·		
137	OTHER DOCUMEN				•	
	Derivatives Found in 6342 (1989).	The ß-Amyloid Pi Human Brain and	rotein Precursor o I.Cerebrospinal Fl	f Alzheimer uid", <i>Proc.</i> i	Disease H Natl. Acad.	as Soluble Sci USA 86: 6338-
38	Plasma", Biochemic	, "Detection of Solu al and Biophysical	uble Forms of the I Research Commu	ß-Amyloid I Inications 1	Precursor P 67 (3): 109	rotein in Human 4-1101 (1990)
1 39 W	Rosa, J.P. et al., "Ge Fuse With the Cell S	ray Platelet Syndro	me: Demonstratio	n of Alpha	Granule Me	embranes That Can
	Disease", New Engl	myloid A4 Protein and Journal of Med	and its Precursor i dicine 320: 144-14	n Down's S 52 (1989).	Syndrome a	nd Alzheimer's
. / 41	Normal Processing"	Evidence That B-A Science 248: 492	myloid Protein in 7 495 (1990).	Alzheimer's	Disease is	Not Derived by
42	Smith, P.K. et al., "N 76-85 (1985).	leasurement of Pro	ote in Using Bicinch	oninic Acid	l", Analytica	I Biochemistry 150:
4 3.	Stanton, R., "Dietary	Sources of Essen	tial Minerals", Aust	tralian Pres	criber 15 (2	2): 36-38 (1992)
44.	Weidemann, A. et al Disease A4 Amyloid	., "Identification, Bi	ogenesis and Loca	alization of	Precursors	of Alzheimer's
xaminer (1)	lluforn		Date Considered	6/7/	105	
	itial if reference conside rough citation if not in co mmunication to applica	mitorinance and no	citation is in confo t considered. Inclu	rmance will	th MPEP 60 f this form w	09; draw tine vith next
orm PTO 1449		Patent and	Trademark Office	0 - 11 9 1	Dona-d	nt of Commerce
			cacinary Oul	⁄€ - U.S. l	Separtme	DI Of Commerce

78	ADE 287ZYA			·					
Atty. Docket No.	INDI-9207EIA								
Applicant	Colin Louis MASTER	S et al.							
Filing Date	November 19,	2003	Group: Unass	igned	•				
· .	-								
		II C BATEN	T D OCUMENTO			·			
Evenine		T	T DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate			
			·						
				l	7 .				
		FOREIGN PATI	ENT DOCUMENTS	S					
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes r No			
						· · · · · · · · · · · · · · · · · · ·			
	OTHER ROOMS			/ /					
	OTHER DOCUMENT								
/45.	Wessel, D. and Flügge, U.I., "A Method for the Quantitative Recovery of Protein in Dilute Solution in the Presence of Detergents and Lipids", <i>Analytical Biochemistry</i> 138: 141-143 (1984).								
<i>y</i> 6.	Zubenko, G.S. et al. Neurology 22: 237-2	, "Platelet Membra 44 (1987).	ane Abnormality in	Alzheimer's	s Disease",	Annals of			
/ 47,	Anderton, B.H., "Alzi (1987).	heimer's Disease:	Progress in Molec	cular Patho	logy", Natu	re 325: 658-659			
00 48.	Huang, X.D. et al., "Z Conformational Fact	Zinc-induced Alzh ors", J. Biol. Chen	eimer's A-Beta-1-4 n. 272: 26464-2647	0 Aggregat	ion is Media	ated by			
49.	Mok, S.S. et al "A N	lovel Metalloprote	ase in Rat Brain Cl	looves the	A 1-1 1 5				
		Concrading Arriyi	oldogenic Fragmen	its", <i>Bioche</i>	<i>mistry</i> 36: 1	56-163 (1997).			
50.	Whyte, S. et al., Cha Alzheimer's Disease	pter 54 in K. lqba : Biology, Diagno	l et al. (eds.) "the M sis, John Wile	letabolism or y and Sons	of the Amyles, Chicheste	oid"; er (1997).			
51.	Multhaup, G. et al., C Alzheimer's Disease (1997).	Chanter 67 in K. In	hal et al Jede) "T	ho 4					
52.	Li, Q.X et al., "Protect Human Platelets", Tr	olytic Processing one	of Alzheimer's Disea	ase A4 Amy	/loid Precur	sor Protein in			
	An			- (20). 141.	10-14147 (1995).			
Examiner	llyfund	-	Date Considered	6/7/6	75				
	al if reference consider ugh citation if not in co amunication to applicar	"" Outliance and in	t citation is in confo ot considered. Inclu	ormance wit ude copy of	h MPEP 60 this form w	9; draw line vith next			
Form PTO 1449		Patent and	Trademark Office	e - U.S. [Departme	nt of Commerce			
Page 7 5 Th						or commerce			

O 1.P E 45,725

INFORMATION DISCLOSURE CITATION

	<u></u>		OOLOOUNE C	HAIION					
Atty. Docker Sorn	ADEN PER TEXA		Serial No. 10/716,924						
Applicant	Colin Louis MASTER		-						
Filing Date	Group: Un	assigned							
									
U.S. PATENT DOCUMENTS									
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Dat			
	·	<u> </u>		<u> </u>					
•		<u> </u>			- 1				
		FOREIGN PATE	ENT DOCUMENTS	s					
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No			
<u>.</u>									
	OTHER DOCUMENT	TS (Including Au	thor. Title Date F	Pertinent P	ages Stall				
153						A =			
	Amyloid of Alzheimer's Disease", Science 235: 877-880 (1987).								
54.	39 (6): 1005-1012 (1	Hider, R.C. et al., "Facilitated Uptake of Zinc into Human Erythrocytes", Biochemical Pharmacology 39 (6): 1005-1012 (1990).							
/ 55.	Kang, J. et al., "The Surface Receptor", I	Precursor of Alzh Vature 325: 733-7	eimer's Disease Ar 36 (1987).	myloid A4 F	Protein Rese	mbles a Cell-			
1 J	McKhann, G. et al., Work Group Under t Alzheimer's Disease	THE MUSDICES OF DE	epartment of Health	sease: Rep n and Huma	ort of the NI an Services	NCDS-ADRDA Task Force on			
57.	Moir, R.D. et al., "Hu and Partial Characte	man Brain BA4 A	myloid Protein Pred of Neurochemistry	cursor of Al 59 (4): 149	zheimer's D 0-1498 (199	isease: Purification			
58.	Mönning, U. et al., "Stimulated Human P	Synthesis and Sec	retion of Alzheimo	r Amulaid C	A4 0				
59,	Multhaup, G. and Me Journal of Molecular	echler, H., "Charac	cterization of the Hi	igh Affinity	Heparin Bind	ding Site",			
Examiner 4	Mulgan								
			Date Considered	6/7	105				
thro	ial if reference consider ough citation if not in communication to application	mormance and n	ot citation is in confo ot considered. Incl	ormanće wi ude copy o	th MPEP 60 f this form w	9; draw line ith next			
Form PTO 1449			Trademark Office	ce - U.S	Departmen	nt of Commerce			
						ir or confinerce [

Page: 8 of 11

O1PE 15 7003

Atty. Docket No. TRADEM 9287ZYA			Serial No. 10/716,924					
Applicant	Colin Louis MASTER	S et al.						
Filing Date	November 19, 20	Group: Unassigned						
· ·			•	 				
		U.S. PATEN	T DOCUMENTS					
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate		
		FORFIGN PATI	ENT DOCUMENT					
	FOREIGN PATENT DOCUMENTS Document Publication Country Class Sub Translation							
•	Number	Date		2	Class	Translation Y s r No		
	OTHER DOCUMEN	TS (Including Au	ther Title Date	Dartin A D				
, 160								
04	Copper (I)", Science	271: 1406-1509	(19 9 6).	dznemer s	Disease in ti	ne Reduction of		
61.	Whyte, S., "Aspects of the Biochemistry of the Amyloid Precursor Protein of Alzheimer's Disease, abstract of Ph.D. Dissertation presented to Dept. of Pathology, University of Melbourne, Australia (1997).							
062.	Fuller, S., "Chapter 3: The Effects of A13+, Zn2+ and Cu2+ ions on the Metabolism of APP in PC Cells", Ph.D. Dissertation (1998).							
de 63.	Morris et al., "The C 1159-1165 (1989).	Morris et al., "The Consortium to Establishing a Registry for Alzheimer's Disease", Neurology, 39: 1159-1165 (1989).						
pc 64.	Barinaga, M., Science 264: 772-774 (1994).							
65,	Shrine, BioWorld Today, 5(123): 1. Lot present							
bc 66.	Godert et al., Curre	nt Opinion in Neur	obiology 1: 441-44	7 (1991)	·	:		
xaminer ///	entriol	·	Date Considered	(1:	1/16			
		ared whether are		6//	1/05			
the	itial if reference conside rough citation if not in communication to applica	onformance and n	ot citation is in contot considered. Inc	tormance w clude copy o	of this form w	9; draw line vith next		
orm PTO 1449		Potent and	Trademark Off	ine II.C				

Atty. Docket No.			Serial No.	10/716,924				
Applicant		Colin Louis MASTER	RS et al.					
Filing Date November 19, 2003			Group:	Unassi	gned			
				<u></u>				
			U.S. PATEN	T DOCUMENTS				
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate	
						1		
			FOREIGN PATI	ENT DOCUMENT	•	/		
		Document	Publication	Country	Class	Sub	Zeen al. (1)	
•		Number	Date	Journal y	Class	Class	Translati n Yes or No	
		·	l					
		OTHER DOCUMEN	TS (Including Au	Abon Tidle Dade	5 4 5			
	67.	OTHER DOCUMEN				ages, Etc.)	, .	
	68,	Cuajangco et al., <i>Brain Research Reviews</i> 23(2): 219-236 (1997). Borman, S., <i>Science</i> , 33-34 (June 17, 1996).						
	64.	25 main, e., eserce, es ex (saine 17, 1936).						
- OC.	70,	Kruck et al., Clinical Pharmacology and Therapeutics 48(4): 439-446 (1990). Smedman et al., Molecular and Chemical Neuropathology 31(1): 13-28 (1997).						
-/-	71.	Constantinids et al., <i>Drug Dev. Res.</i> 27(1): 1-14 (1992).						
1	72,							
	73.	(1,000).						
						· · ·		
	11	, , , , , , , , , , , , , , , , , , , ,						
xaminer	Cll	luforn.		Date Considered	6/7/0	5		
Examiner:	UIIO	al if reference considency ugh citation if not in communication to applica-	ontormance and n	ot citation is in con lot considered. Inc	formance w clude copy o	ith MPEP 6 If this form	09; draw line with next	
orm PTO 144	49		Patent and	Tradamade Off	- II C	D	ent of Commerc	



\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ADEMARK	wee several sr	eets if neces	sary)		:		
Atty. Docket No.	9287ZYA		Serial No. 10	716,924				
Applicant	Colin Louis MASTER	RS et al.						
Filing Date	November 19, 20	03	Group: Unas	signed				
		U.S. PATENT	DOCUMENTS					
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate		
	· · · · · · · · · · · · · · · · · · ·	FOREIGN PATE	NT DOCUMENTS	<u> </u>				
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes r No		
				-/	/			
	OTHER DOCUMEN	TS (Including Auth	or, Title, Date, F	Pertinent Pa	anes Etc.)			
174.		t al., 1991, J.				-7		
- 75.	Powers et a	1., 19 90, Eur.	J. Appl. Phys	iol., 60,	pp.54-60			
OC, 76,	Council et	al., 1991, Curr	ent Opinion i	n Neurobi	iology, 1,	pp.441-7		
77.	Pratico et a	al., 2001, J. N	eurosci, 21,	No. 12, 1	p. 4183-4	1187		
78.	Clark et al	Clark et al., 1996, The Dementias, London-Academic, pp. 285-304						
79	Dementia. J	al. Unproved M Am. Geriatr.	odality inthe Soc., 1985, 3	Treatmer	nt of Alzh	eimer- Type		
	enform.		ate Considered	, ,	105			
unou	If reference considering the site of the control of	minimance and not	citation is in confi considered. Incl	ormance wi lude copy o	th MPEP 60 f this form w	9; draw line ith next		
ormPTO 1449		Patent and T	rademark Offi	ce - U.S. I		nt of Commerce		